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OK  
Incoming  
c/o 15/0032

**From:** Priscilla Burton  
**To:** Pam Grubaugh-Littig  
**Date:** 10/24/2007 3:04 PM  
**Subject:** Re: Plugging of Crandall Canyon Mine rescue holes.  
**Attachments:** plugging logs\_20071024144051.pdf

**CC:** Daron Haddock; Wright, Mary Ann  
Pam,

DOGM has not received a certified drillers report yet. We have received copies of the drillers field notes (attached). These notes are in the SLC mail that Pete will deliver tomorrow.

Sue Wiler of the BLM witnessed the plugging of the BLM holes 3 & 4 on Saturday October 13. DOGM was not present during plugging of holes 3 & 4. However, I was present on October 11, 12, 14, and 15 for plugging of the holes: #1, #2, #5, #6 and #7. (#7 and #2 were into BLM coal) I carried a copy of the approved plugging plans and referred to it as the holes were plugged. (I will be writing an inspection report, but have been delayed by our recent office move.)

For each hole, trim pipe was lowered down until it met an obstruction, then the trim pipe was used to ram the obstruction. According to plan, if the obstruction could not be forced down the hole, the hole was sealed from that point upwards with bentonite and cement. The approved plan made an exception for hole #2 which was filled "with a gravity feed" from the surface.

Please relay this information to Jim Kohler and John Blake.

Priscilla

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<b>BOART LONGYEAR DAILY DRILLING REPORT</b>				<b>RIG #</b> <u>LC-18</u>		<b>DATE</b> <u>10-15-07</u>	
<b>Daily</b> Start time: <u>7:00</u>		<b>Midnight A.M.</b> Noon P.M.		<b>Daily</b> Start time: <u>7:00</u>		<b>Midnight A.M.</b> Noon P.M.	
<b>PROJECT:</b> <u>3520-1469</u>				<b>NAME:</b> <u>Gen Wall</u>			
<b>Hole No.</b> <u>2</u>		<b>Depth Today</b>		<b>Depth Yesterday</b>		<b>Total Drilled</b>	

  

FROM	TO	ACTIVITY
<u>6:45</u>	<u>7:15</u>	<u>check out equipment, warm up equipment, pre task analysis</u>
<u>7:15</u>	<u>1:15</u>	<u>Abandon Hole #2 1200' - surface</u>
<u>1:15</u>	<u>2:00</u>	<u>clean up equipment and load crane</u>

  

Quantity	Size	Material Name	BOART	CLIENT	Quantity	Size	Material Name	BOART	CLIENT
<u>3</u>	<u>2500 lb.</u>	<u>cement</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
<u>5</u>	<u>50 lb.</u>	<u>Hole plug</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
<u>95</u>	<u>50 lb.</u>	<u>Abandonite</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
<u>1</u>	<u>50 lb.</u>	<u>Calcium Chloride</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

  

BIT RECORD		No. DRILLING ASSEM. (at end of hour)		MUD RECORD				WELL CONSTRUCTION	
BIT NO.		BIT	F.T.	WEIGHT				SURFACE PIPE IN HOLE	
SIZE		STB	O.D. F.T.	VISC.-SEC.					
MFG.		D.C.		WL-CC'S				DEPTH OF CEMENT GROUT	F.T. IN.
TYPE		R.R.	O.D. F.T.	PH					
SER. NO.		D.C.	O.D. F.T.	SOLIDS%				DEPTH OF CEMENT GROUT	F.T. IN.
DEPTH OUT		R.R.	O.D. F.T.	TEMP.				WELL SCREEN IN HOLE	
DEPTH IN		D.C.	O.D. F.T.	WALL CAKE					
TOTAL FTG.		R.R.						CASING IN HOLE	F.T. IN.
TOTAL HRS.		D.C.							
		R.R.							
BIT NO.								DEPTH OF GRAVEL	F.T. IN.
SIZE		TOTAL		TIME					
MFG.									
TYPE		WT. OF STRING	LBS.	SURVEY INFORMATION					
SER. NO.		WT. OF STRING LESS RODS	LBS.	DEPTH OF SUR.		DEVIATION		DEPTH OF TRIM PIPE	F.T. IN.
DEPTH OUT		RPM		DEPTH OF SUR.		DEVIATION			
DEPTH IN		HYD. WEIGHT ON BIT	LBS.	DEPTH OF SUR.		DEVIATION		INTERMEDIATE CASING	F.T. IN.
TOTAL FTG.		AIR MUD PRESSURE		DEPTH OF SUR.		DEVIATION			
TOTAL HRS.		ACTUAL WEIGHT ON BIT	LBS.	DEPTH OF SUR.		DEVIATION			
		Remarks:							
SHOCK SUB #									
DEPTH OUT									
DEPTH IN									
TOTAL HOURS									

  

<u>  </u> Hrs. Booster <u>  </u> Hrs. Extra Comp. <u>  </u> Hrs. Hauling Water <u>  </u> Hrs. Cat <u>  </u> Hrs. Backhoe <u>  </u> Hrs. Mud Pump <u>  </u> Hrs. 6" Pump (or 2) <u>  </u> Hrs. Mud Tank	Sampling Performed by Boart Yes <u>  </u> No <u>  </u>	Driller's Name <u>Tim Nancarrow</u> Hrs. <u>  </u> Helper's Name <u>Ash Rickard</u> Hrs. <u>  </u> Helper's Name <u>William Pearson</u> Hrs. <u>  </u> ***JUSTIFY HOURS (If Applies)*** <u>  </u> Getting Fuel <u>  </u> Chasing for Parts <u>  </u> Drive Time (after the 1st one hour)
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**CLIENT REP:** \_\_\_\_\_ **Was the hole(s) completed to desired depth?** Yes    No    ?

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BOAT LONGYEAR DAILY DRILLING REPORT				RIG # LC-18		DATE 10-13-07	
Daily Start time:		Midnight A.M.	Daily Start time:	Midnight A.M.	PROJECT: 3520-1469		
		Noon P.M.		Noon P.M.	NAME: Gen Well		
Hole No. 4		Depth Today 33'		Depth Yesterday		Total Drilled	
FROM	TO	ACTIVITY					
10:15	10:45	set-up on Hole #4 Tag @ 33' try to knock out bridge					
10:45	12:15	plug hole from 33'-0'					
12:15	4:00	clean-up move to hole #6					
4:00		take off front Driveline and Hubs from LX-61					
		while helpers hook-up wireline to crane and tag					
	7:15	hole #6 @ 236' unhook wireline set-up to abandon					
Quantity		Size	Material Name	BOAT	CLIENT	Quantity	
1		50 lb.	Holeplug	✓			
1		2500 lb.	Cement	✓			
15'		2"	Fiberglass pipe	✓			
1		7"	Rubber plug	✓			
BIT RECORD		No. DRILLING ASSEM. (at end of hour)		MUD RECORD		WELL CONSTRUCTION	
BIT NO.		BIT	F.T.	WEIGHT		SURFACE PIPE IN HOLE	
SIZE		STB	O.D. F.T.	VISC.-SEC.		F.T. IN.	
MFG.		D.C.	O.D. F.T.	WL-CC'S		DEPTH OF CEMENT GROUT	
TYPE		R.R.	O.D. F.T.	PH		F.T. IN.	
SER. NO.		D.C.	O.D. F.T.	SOLIDS%		WELL SCREEN IN HOLE	
DEPTH OUT		D.C.	O.D. F.T.	TEMP.		F.T. IN.	
DEPTH IN		R.R.	O.D. F.T.	WALL CAKE		CASING IN HOLE	
TOTAL FTG.		D.C.	O.D. F.T.			F.T. IN.	
TOTAL HRS.		R.R.	O.D. F.T.			DEPTH OF GRAVEL	
BIT NO.						F.T. IN.	
SIZE		TOTAL		TIME		DEPTH OF TRIM PIPE	
MFG.		WT. OF STRING	LBS.	SURVEY INFORMATION		F.T. IN.	
TYPE		WT. OF STRING LESS RODS	LBS.	DEPTH OF SUR.	DEVIATION	DEPTH OF INTERMEDIATE CASING	
SER. NO.		RPM		DEPTH OF SUR.	DEVIATION	F.T. IN.	
DEPTH OUT		HYD. WEIGHT ON BIT	LBS.	DEPTH OF SUR.	DEVIATION	F.T. IN.	
DEPTH IN		AIR MUD PRESSURE		DEPTH OF SUR.	DEVIATION	F.T. IN.	
TOTAL FTG.		ACTUAL WEIGHT ON BIT	LBS.	DEPTH OF SUR.	DEVIATION	F.T. IN.	
TOTAL HRS.		Remarks:					
SHOCK SUB #							
DEPTH OUT							
DEPTH IN							
TOTAL HOURS							
___ Hrs. Booster ___ Hrs. Hauling Water ___ Hrs. Backhoe ___ Hrs. 6" Pump (or 2)		___ Hrs. Extra Comp. ___ Hrs. Cat ___ Hrs. Mud Pump ___ Hrs. Mud Tank		Sampling Performed by Boat Yes ___ No ___		Driller's Name: <u>Tim Nancarrow</u> Hrs. Helper's Name: <u>Ash Rickard</u> Hrs. Helper's Name: <u>William Peasnell</u> Hrs. ***JUSTIFY HOURS (If Applies)*** ___ Getting Fuel ___ Chasing for Parts ___ Drive Time (after the 1st one hour)	
CLIENT REP: _____		Was the hole(s) completed to desired depth? Yes ___ No ___ ?					



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